

What is claimed is:

1. A method of fabricating a part comprising

a sacrificing layer forming step of depositing a layer of a material for constituting a sacrificing layer on a surface of a base material;

a structural body material layer forming step of depositing a layer for constituting a material of a part structural body different from the sacrificing layer on a surface of the sacrificing layer;

a part shape fabricating step of fabricating the structural body material layer along an outer configuration shape of the part; and

a part separating step of separating the structural body material fabricated in an outer configuration of the part from the base material by selectively removing only the sacrificing layer,

wherein the part shape fabricating step is carried out by a chemical fabricating process.

2. A method of fabricating a part comprising

a structural body material layer forming step of depositing a layer for constituting a material of a part structural body different from a base material on a surface of the base material;

a part shape fabricating step of fabricating the structural body material layer along an outer configuration

shape of the part; and

a part separating step of separating the structural body material fabricated in an outer configuration of the part from the base material by selectively removing a portion or a whole of the base material,

wherein the part shape fabricating step is carried out by a chemical fabricating process.

3. A method of fabricating a part comprising

a peeling layer forming step of forming a peeling layer on a surface of a base material by subjecting the base material to a surface treatment;

a structural body material layer forming step of depositing a layer for constituting a material of a part structural body on a surface of the peeling layer;

a part shape fabricating step of fabricating the structural body material layer along an outer configuration shape of the part; and

a step of separating the structural body material fabricated in an outer configuration of the part from the base material at the surface of the peeling layer,

wherein the part shape fabricating step is carried out by a chemical fabricating process.

4. A method of fabricating a part according to claim 1,

wherein the part shape fabricating step includes a step of separating only the part from the structural body material

layer by forming a groove having a predetermined width at the structural body material layer along the outer configuration shape of the part by a chemical fabricating process.

5. A method of fabricating a part according to claim 2, wherein the part shape fabricating step includes a step of separating only the part from the structural body material layer by forming a groove having a predetermined width at the structural body material layer along the outer configuration shape of the part by a chemical fabricating process.

6. A method of fabricating a part according to claim 3, wherein the part shape fabricating step includes a step of separating only the part from the structural body material layer by forming a groove having a predetermined width at the structural body material layer along the outer configuration shape of the part by a chemical fabricating process.

7. A method of fabricating a part according to Claim 4, wherein the chemical fabricating process used in the part shape fabricating step comprising

a step of arranging a machining electrode having a pertinent shape in a machining solution oppositely to the structural body material layer; and

a step of moving at least one of the machining electrode and the structural body material layer relatively to each other by a path in correspondence with a shape to be fabricated while applying a pertinent voltage between the structural body

material layer and the machining electrode.

8. A method of fabricating a part according to Claim 5, wherein the chemical fabricating process used in the part shape fabricating step comprising

a step of arranging a machining electrode having a pertinent shape in a machining solution oppositely to the structural body material layer; and

a step of moving at least one of the machining electrode and the structural body material layer relatively to each other by a path in correspondence with a shape to be fabricated while applying a pertinent voltage between the structural body material layer and the machining electrode.

9. A method of fabricating a part according to Claim 6, wherein the chemical fabricating process used in the part shape fabricating step comprising

a step of arranging a machining electrode having a pertinent shape in a machining solution oppositely to the structural body material layer; and

a step of moving at least one of the machining electrode and the structural body material layer relatively to each other by a path in correspondence with a shape to be fabricated while applying a pertinent voltage between the structural body material layer and the machining electrode.

10. A method of fabricating a part which is a method of fabricating a part constituted by a base material and a

structural body material layer formed thereon, a portion of the structural body material layer forming a structural body fixing portion which is tightly attached to the base material and the structural body material layer except the structural body fixing portion not being tightly attached to the base material and including a movable structure which is able to be changing a position relatively to the base material, said method comprising

a sacrificing layer forming step of depositing a layer of a material for constituting a sacrificing layer on a surface of the base material;

a structural body fixing portion forming step of forming the structural body fixing portion by exposing the surface of the base material by removing a portion of the sacrificing layer;

a structural body material layer forming step of depositing a layer for constituting a material of a part structural body different from the sacrificing layer on surfaces of the sacrificing layer and the structural body fixing portion;

a movable portion shape fabricating step of fabricating the structural body material layer along an outer configuration shape of the movable portion; and

a movable portion separating step of separating the structural body material layer except the structural body

fixing portion from the base material by selectively removing only the sacrificing layer,

wherein the movable portion shape fabricating step is carried out by a chemical fabricating process.

11. A method of fabricating a part which is a method of fabricating a part constituted by a base material and a structural body material layer formed thereon, a portion of the structural body material layer forming a structural body fixing portion which is tightly attached to the base material and the structural body material layer except the structural body fixing portion not being tightly attached to the base material and including a movable structure which is able to be changing a position relatively to the base material, said method comprising

a sacrificing layer forming step of depositing a layer of a material for constituting a sacrificing layer on a surface of the base material except an area for constituting the structural body fixing portion;

a structural body material layer forming step of depositing a layer for constituting a material of a structural body different from the sacrificing layer on surfaces of the sacrificing layer and the structural body fixing portion;

a movable portion shape fabricating step of fabricating the structural body material layer along an outer configuration shape of a movable portion; and

a movable portion separating step of separating the structural body material layer except the structural body fixing portion from the base material by selectively removing only the sacrificing layer,

wherein the movable portion shape fabricating step is carried out by a chemical fabricating process.

12. A method of fabricating a part which is a method of fabricating a part constituted by a base material and a structural body material layer formed thereon, a portion of the structural body material layer forming a structural body fixing portion which is tightly attached to the base material and the structural body material layer except the structural body fixing portion not being tightly attached to the base material and including a structure which is able to be changing a position relatively to the base material, said method comprising

a peeling layer forming step of forming a peeling layer on a surface of the base material except an area for constituting the structural body fixing portion;

a structural body material layer forming step of depositing a layer for constituting a material of a structural body on surfaces of the peeling layer and the structural body fixing portion;

a movable portion shape fabricating step of fabricating the structural body material layer along an outer

configuration shape of a movable portion; and

a movable portion separating step of separating the structural body material layer except the structural body fixing portion from the base material at the surface of the peeling layer,

wherein the movable portion shape fabricating step is carried out by a chemical fabricating process.

13. A method of fabricating a part according to claim 10,

wherein the movable portion shape fabricating step includes a step of forming a shape of the movable portion in the structural body material layer by forming a groove having a predetermined width in the structural body material layer along an outer configuration shape of the movable portion by a chemical fabricating process.

14. A method of fabricating a part according to claim 11,

wherein the movable shape fabricating step includes a step of forming a shape of the movable portion in the structural body material layer by forming a groove having a predetermined width in the structural body material layer along an outer configuration shape of the movable portion by a chemical fabricating process.

15. A method of fabricating a part according to claim 12,

wherein the movable portion shape fabricating step includes a step of forming a shape of the movable portion in the structural body material layer by forming a groove having

a predetermined width in the structural body material layer along an outer configuration shape of the movable portion by a chemical fabricating process.

16. A method of fabricating a part according to Claim 13, wherein the chemical fabricating process used in the movable portion shape fabricating step comprising

a step of arranging a machining electrode having a pertinent shape in a machining solution oppositely to the structural body material layer; and

a step of moving at least one of the machining electrode and the structural body material layer relatively to each other by a path in correspondence with a shape to be fabricated while applying a pertinent voltage between the structural body material layer and the machining electrode.

17. A method of fabricating a part according to Claim 14, wherein the chemical fabricating process used in the movable portion shape fabricating step comprising

a step of arranging a machining electrode having a pertinent shape in a machining solution oppositely to the structural body material layer; and

a step of moving at least one of the machining electrode and the structural body material layer relatively to each other by a path in correspondence with a shape to be fabricated while applying a pertinent voltage between the structural body material layer and the machining electrode.

18. A method of fabricating a part according to Claim 15, wherein the chemical fabricating process used in the movable portion shape fabricating step comprising

a step of arranging a machining electrode having a pertinent shape in a machining solution oppositely to the structural body material layer; and

a step of moving at least one of the machining electrode and the structural body material layer relatively to each other by a path in correspondence with a shape to be fabricated while applying a pertinent voltage between the structural body material layer and the machining electrode.